

TELEPHONE: 83 6911



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

SIXTH FLOOR
PRUDENTIAL BUILDING
195 NORTH TERRACE
ADELAIDE

INDUSTRIAL ACCIDENTS

SOUTH AUSTRALIA

1962-63

CONTENTS

<u>TABLE</u>		<u>PAGE</u>
	Introduction	1
1	Fatal and Non-Fatal Accidents: Industry Groups, Number of Accidents, Time Lost and Amount Paid	Persons 3 Males 4 Females 5
2	Fatal and Non-Fatal Accidents: Industry Groups, Accident Factor	Males 6 Females 7
3	Non-Fatal Accidents: Industry Groups, Location of Injury	Males 8 Females 9
4	Non-Fatal Accidents: Industry Groups, Nature of Injury	Males 10 Females 11
5	Non-Fatal Accidents: Location of Injury, Accident Factor	12
6	Non-Fatal Accidents: Nature of Injury, Accident Factor	13
7	Non-Fatal Accidents: Age Group, Accident Factor	Males 14 Females 15
8	Fatal and Non-Fatal Accidents: Individual Accident Factors, Number of Accidents	16
9	Non-Fatal Accidents: Time Lost, Number of Accidents	19

THE HISTORY OF THE

REIGN OF

1700

1701

1702

1703

1704

1705

1706

1707

1708

1709

1710

1711

1712

1713

1714

INTRODUCTION

SCOPE AND COVERAGE

The statistics contained in this bulletin have been compiled from reports of Workmen's Compensation claims closed during the year ended 30th June 1963 and of unclosed claims of three years' duration at 30th June 1963 submitted by Insurance Companies, self-insurers, and State Government Departments, through the South Australian Department of Labour and Industry. Each original claim has been regarded as a separate accident. Reports have been received of re-opened claims but no details of these have been included in the Tabulations.

Only persons within the coverage of the South Australian Workmen's Compensation Act are included. Notable exclusions are self-employed persons and all Commonwealth Government officers and employees. Thus persons employed within some industry classifications (e.g. Defence Services and Communications) are not covered at all while coverage is reduced in other industries, particularly in retail trade and rural industries.

DEFINITIONS

INDUSTRIAL ACCIDENT: For the purpose of this collection the following definition has been applied: "An Industrial Accident is a compensated work injury causing death or absence of the injured person from work for one week or more, excluding journey cases, cases occurring during a recess period, and disease cases."

Note: "One week" has been interpreted as "one week of seven calendar days or five working days".

INDUSTRY: The 1961 Census Classification of Industries has been used.

ACCIDENT FACTOR: In general, an accident factor may be regarded as "That underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident".

A detailed list of "Accident Factors" is given in Table 8 to which reference should be made for clarification of the group titles used in Tables 2, 5, 6, and 7.

GENERAL COMMENT

This bulletin is the second published by this Bureau on Industrial Accidents in South Australia and covers the year ended 30th June 1963. The urgent need for widely based statistics of Industrial Accidents prompted the publication of the 1961-62 results of a collection which, in that initial year, was regarded as a pilot survey. Subsequent checks revealed deficiencies in reporting. More complete reporting during 1962-63 accounts for possibly half of the apparent increase in the total number of accidents revealed by comparison of the two bulletins, and for most of the increase in the percentage of accidents in "Manufacturing" and in "Food, Drink, and Tobacco" within that major group.

Statistics contained in this bulletin relate to claims closed, or regarded statistically as closed, during the year ended 30th June 1963. Fluctuations in the flow of processing and reporting of claims can significantly affect the figures for any given year. In this context it should be noted that the figures appearing against "Transport and Storage" industry group in the 1961-62 bulletin are now considered to be artificially high.

Insurance companies, self-insurers, and State Government Departments have submitted returns which show that during the year ended 30th June 1963 slightly more than 48,000 effective Workmen's Compensation Claims were lodged and compensation payments totalling approximately £1,776,000 were made. These figures, and a sample enquiry in respect of the 1961-62 statistics, indicate that accidents which come within the scope of this collection represent between 20% and 25% of total compensated accidents and the corresponding payments represent approximately 60% of total compensation payments.

The following tables are brief summaries of detailed tabulations held in this office. Other tabulations, including a classification of accidents by Occupation of the injured person and a limited analysis of disease cases, have also been prepared. Information contained in some of the detailed tables will be made available on application to this Bureau or to the South Australian Department of Labour and Industry.

The first of these is the fact that the
... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

... ..
... ..
... ..
... ..
... ..

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID : SOUTH AUSTRALIA, 1962-63

TOTAL PERSONS

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
			%	Weeks	Weeks	£'000	£'000	£'000	£
Primary Production	2	840	8.0	3,573	4.3	0.2	76.4	76.6	91
Mining and Quarrying	-	149	1.4	1,090	7.3	-	37.5	37.5	252
Manufacturing	3	4,713	44.9	17,089	3.6	6.6	448.2	454.8	95
Manufacturing includes -									
Cement, bricks, glass, and stone	-	276	2.6	818	3.0	-	23.4	23.4	85
Founding, engineering and metal working	-	1,673	15.9	5,840	3.5	-	163.1	163.1	98
Ships, vehicles, parts, and accessories	1	774	7.4	3,558	4.6	0.5	93.3	93.8	121
Food, drink, and tobacco	-	877	8.4	2,989	3.4	-	71.4	71.4	82
Sawmilling and wood products (excl. furniture)	2	453	4.3	1,430	3.2	6.1	33.6	39.7	74
Electricity, Gas, Water, and Sanitary Services	6	429	4.1	1,627	3.8	13.6	40.3	53.9	94
Building and Construction	5	1,753	16.7	6,542	3.7	18.9	164.1	183.0	94
Transport and Storage	-	817	7.8	3,571	4.4	-	77.8	77.8	95
Finance and Property	-	38	0.4	167	4.4	-	3.7	3.7	98
Commerce	5	1,165	11.1	4,420	3.8	15.5	105.3	120.8	90
Public Authority (n.e.i.), Community and Business Services	3	283	2.7	1,574	5.6	9.5	39.3	48.8	139
Amusement, Hotels, Accommodation, Cafes, Etc.	1	310	2.9	1,302	4.2	3.3	26.1	29.4	84
Other and inadequately described, or not stated	-	1	-	4	4.0	-	(b)	(b)	44
Total	25	10,498	100.0	40,959	3.9	67.6	1,018.7	1,086.3	97

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

(b) Less than £50.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID: SOUTH AUSTRALIA, 1962-63 (continued)

MALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-Fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
Primary Production	2	805	8.3	3,451	4.3	£'000	£'000	£'000	£
Mining and Quarrying	-	149	1.5	1,090	7.3	0.2	75.0	75.2	93
Manufacturing	3	4,364	45.1	16,129	3.7	-	37.5	37.5	252
						6.6	432.2	438.8	99
Manufacturing includes -									
Cement, bricks, glass and stone	-	272	2.8	808	3.0	-	23.3	23.3	86
Founding, engineering, and metal working	-	1,561	16.1	5,550	3.6	-	157.7	157.7	101
Ships, vehicles, parts and accessories	1	745	7.7	3,462	4.6	0.5	91.7	92.2	123
Food, drink, and tobacco.	-	774	8.0	2,737	3.5	-	67.6	67.6	87
Sawmilling and wood products (excl. furniture)	2	439	4.5	1,400	3.2	6.1	33.1	39.2	75
Electricity, Gas, Water, and Sanitary services	6	426	4.4	1,617	3.8	13.6	40.2	53.8	94
Building and Construction	5	1,748	18.1	6,529	3.7	18.9	163.9	182.8	94
Transport and Storage	-	810	8.4	3,546	4.4	-	77.1	77.1	95
Finance and Property	-	31	0.3	132	4.3	-	3.4	3.4	111
Commerce	5	1,012	10.5	3,817	3.8	15.5	98.0	113.5	97
Public Authority (n.e.i.), Community and Business Services	3	156	1.6	878	5.6	9.5	24.9	34.4	160
Amusement, Hotels, Accommodation, Cafes, Etc.	1	171	1.8	810	4.7	3.3	18.3	21.6	107
Other and inadequately described or not stated	-	1	-	4	4.0	-	(b)	(b)	44
Total	25	9,673	100.0	38,003	3.9	67.6	970.5	1,038.1	100

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

(b) Less than £50.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID: SOUTH AUSTRALIA, 1962-63 (continued)

FEMALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal				Fatal	Non-Fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total	Total	Average per Accident				
Primary Production	-	35	% 4.2	Weeks 122	Weeks 3.5	£'000 -	£'000 1.4	£'000 1.4	£ 40
Mining and Quarrying	-	-	-	-	-	-	-	-	-
Manufacturing	-	349	42.3	960	2.8	-	16.0	16.0	46
Manufacturing includes -									
Cement, bricks, glass, and stone	-	4	0.5	10	2.5	-	0.1	0.1	35
Founding, engineering, and metal working	-	112	13.6	290	2.6	-	5.4	5.4	48
Ships, vehicles, parts and accessories	-	29	3.5	96	3.3	-	1.6	1.6	54
Food, drink, and tobacco	-	103	12.5	252	2.4	-	3.8	3.8	37
Sawmilling and wood products (excl. furniture)	-	14	1.7	30	2.1	-	0.5	0.5	36
Electricity, Gas, Water, and Sanitary Services	-	3	0.4	10	3.3	-	0.1	0.1	40
Building and Construction	-	5	0.6	13	2.6	-	0.2	0.2	37
Transport and Storage	-	7	0.9	25	3.6	-	0.7	0.7	95
Finance and Property	-	7	0.9	35	5.0	-	0.3	0.3	44
Commerce	-	153	18.5	603	3.9	-	7.3	7.3	48
Public Authority (n.e.i.), Community and Business Services	-	127	15.4	696	5.5	-	14.4	14.4	114
Amusement, Hotels, Accommodation, Cafes, etc.	-	139	16.8	492	3.5	-	7.8	7.8	56
Total	-	825	100.0	2,956	3.6	-	48.2	48.2	58

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

TABLE 2 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1962-63.

MALES

Industry	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling (a)		Hand Tools		Miscellaneous		Total	
	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F	F	N F
Primary Production	-	73	-	93	-	15	1	6	-	135	-	31	-	236	-	77	1	139	2	805
Mining and Quarrying	-	14	-	19	-	6	-	1	-	23	-	5	-	60	-	20	-	1	-	149
Manufacturing	1	711	1	113	-	137	-	27	-	743	-	232	1	1,793	-	461	-	147	3	4,364
Manufacturing includes -																				
Cement, bricks, glass, and stone	-	24	-	9	-	4	-	1	-	56	-	17	-	129	-	21	-	11	-	272
Founding, engineering, and metal working	-	289	-	28	-	69	-	9	-	201	-	75	-	700	-	149	-	41	-	1,561
Ships, vehicles, parts, and accessories	1	104	-	25	-	17	-	1	-	127	-	42	-	303	-	99	-	27	1	745
Food, drink, and tobacco	-	73	-	19	-	30	-	3	-	182	-	45	-	285	-	105	-	32	-	774
Sawmilling and wood products (excluding furniture)	-	98	1	14	-	3	-	-	-	75	-	16	1	174	-	46	-	13	2	439
Electricity, Gas, Water, and Sanitary Services	-	23	2	29	1	14	-	-	1	86	-	29	2	177	-	53	-	15	6	426
Building and Construction	1	106	2	133	-	33	-	6	2	412	-	98	-	704	-	192	-	64	5	1,748
Transport and Storage	-	50	-	75	-	5	-	2	-	208	-	37	-	371	-	37	-	25	-	810
Finance and Property	-	-	-	4	-	-	-	1	-	11	-	-	-	11	-	2	-	2	-	31
Commerce	-	84	2	75	-	27	-	6	1	194	-	56	-	404	1	121	1	45	5	1,012
Public Authority (n.e.i.) and Community and Business Services	1	7	2	26	-	2	-	-	-	37	-	2	-	45	-	6	-	31	3	156
Amusement, Hotels, Accommodation, Cafes, Etc.	-	7	-	14	1	3	-	2	-	49	-	8	-	61	-	17	-	10	1	171
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Total : Number	31,075		9	581	2	242	1	51	4	1,898	-	498	3	3,862	1	986	2	480	25	9,673
Per Cent	11.1			6.0		2.5		0.5		19.6		5.2		39.9		10.2		5.0		100.0

(a) This group includes : Struck by Moving or Falling Objects (1,685), Strain in Handling (1,765), Handling Sharp Objects (331), Other (81)
F - Fatal. N F - Non-Fatal.

TABLE 2 - FATAL^(a) AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1962-63 (continued)

FEMALES

Industry	Machinery	Vehicles	Electricity, Explosions Etc.	Harmful Sub- stances	Falling Slipping Stumbling Etc.	Striking against, Stepping on, Etc.	Handling; Objects Moving or Falling (b)	Hand Tools	Miscell- aneous	Total
Primary Production	1	2	2	-	14	3	7	2	4	35
Mining and Quarrying	-	-	-	-	-	-	-	-	-	-
Manufacturing	103	4	9	2	66	35	94	22	14	349
Manufacturing includes -										
Cement, bricks, glass, and stone	-	-	-	-	3	1	-	-	-	4
Founding, engineering, and metal working	46	2	1	-	12	10	28	9	4	112
Ships, vehicles, parts, and accessories	8	-	1	-	3	6	9	1	1	29
Food, drink, and tobacco	17	2	5	1	24	8	32	8	6	103
Sawmilling and wood products(excl. furniture)	3	-	-	-	6	1	4	-	-	14
Electricity, Gas, Water, and Sanitary Services	-	-	-	-	2	1	-	-	-	3
Building and Construction	-	-	-	-	4	-	1	-	-	5
Transport and Storage	-	-	-	-	4	-	2	-	1	7
Finance and Property	-	-	1	-	6	-	-	-	-	7
Commerce	13	3	5	-	66	13	39	10	4	153
Public Authority (n.e.i.) and Community and Business Services	3	1	13	-	51	3	41	6	9	127
Amusement, Hotels, Accommodation, Cafes, Etc.	21	1	18	-	47	13	25	8	6	139
Total : Number	141	11	48	2	260	68	209	48	38	825
Per Cent	17.1	1.3	5.8	0.3	31.5	8.3	25.3	5.8	4.6	100.0

(a) No accident involving the death of a female was reported during the year.

(b) This group includes: Struck by Moving or Falling Objects (58), Strain in Handling (93), Handling Sharp Objects (52), Other (6)

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY : SOUTH AUSTRALIA, 1962-63

MALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary Production	35	26	29	163	119	186	191	49	7	805
Mining and Quarrying	10	3	9	35	16	35	28	13	-	149
Manufacturing	103	129	143	1,082	472	1,350	600	472	13	4,364
Manufacturing includes ..										
Cement, bricks, glass and stone	5	8	8	88	24	61	47	30	1	272
Founding, engineering and metal working	33	54	37	354	165	528	166	220	4	1,561
Ships, vehicles, parts, and accessories.	18	31	32	202	88	182	102	89	1	745
Food, drink, and tobacco	20	9	32	180	91	269	107	63	3	774
Sawmilling and wood products (excl. furniture)	9	8	15	105	42	134	88	38	-	439
Electricity, Gas, Water, and Sanitary Services	18	9	15	111	45	89	95	41	3	426
Building and Construction	77	69	69	453	197	397	322	148	6	1,748
Transport and Storage	30	12	28	240	100	112	176	109	3	810
Finance and Property	3	-	3	12	-	4	7	1	1	31
Commerce	49	28	39	258	108	295	141	92	1	1,012
Public Authority (n.e.i.) and Community and Business Services	9	2	7	40	14	26	46	12	-	156
Amusement, Hotels, Accomodation, Cafes, Etc.	2	5	13	39	22	37	40	12	1	171
Other and inadequately described or not stated.	-	-	-	-	-	1	-	-	-	1
Total : Number	336	283	355	2,433	1,093	2,532	1,656	950	35	9,673
Per Cent	3.5	2.9	3.7	25.1	11.3	26.2	17.1	9.8	0.4	100.0

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY : SOUTH AUSTRALIA, 1962-63 (continued)

FEMALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary Production	1	1	1	10	3	9	6	4	-	35
Mining and Quarrying	-	-	-	-	-	-	-	-	-	-
Manufacturing	13	3	7	44	49	153	46	33	1	349
Manufacturing includes -										
Cement, bricks, glass and stone	-	-	-	-	2	-	2	-	-	4
Founding, engineering and metal working	5	3	1	15	10	58	10	10	-	112
Ships, vehicles, parts, and accessories	-	-	1	2	8	10	3	5	-	29
Food, drink, and tobacco	6	-	3	10	11	49	15	9	-	103
Sawmilling and wood products (excl. furniture)	-	-	-	3	4	2	5	-	-	14
Electricity, Gas, Water, and Sanitary Services	-	-	-	1	-	-	2	-	-	3
Building and Construction	1	-	-	2	1	-	-	1	-	5
Transport and Storage	1	-	-	1	-	-	2	3	-	7
Finance and Property	-	-	-	1	2	1	2	1	-	7
Commerce	8	1	10	20	21	38	43	11	1	153
Public Authority (n.e.i.) and Community and Business Services	3	-	8	37	23	22	25	6	3	127
Amusement, Hotels, Accommodation, Cafes, etc.	7	1	4	23	30	46	21	7	-	139
Total : Number	34	6	30	139	129	269	147	66	5	825
Per Cent	4.1	0.7	3.6	16.9	15.7	32.6	17.8	8.0	0.6	100

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY: SOUTH AUSTRALIA, 1962-63

MALES

Industry	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary Production	112	234	15	26	115	20	256	6	16	99	805
Mining and Quarrying	29	32	1	7	20	3	53	-	3	1	149
Manufacturing	756	1,046	89	246	519	50	1,553	28	34	43	4,364
Manufacturing includes -											
Cement, bricks, glass & stone	60	46	6	8	24	6	118	1	2	1	272
Founding, engineering, and metal working	258	365	40	114	232	16	499	16	8	13	1,561
Ships, vehicles, parts and accessories	146	137	22	40	83	5	290	2	7	13	745
Food, drink, and tobacco	104	242	6	46	69	9	282	3	9	4	774
Sawmilling and wood products (excl. furniture)	86	115	6	7	55	4	159	1	3	3	439
Electricity, Gas, Water, and Sanitary services	83	65	4	16	61	4	181	-	7	5	426
Building and Construction	333	358	39	58	210	22	674	7	27	20	1,748
Transport and Storage	191	113	8	9	102	8	361	3	8	7	810
Finance and Property	5	2	-	-	3	1	18	-	1	1	31
Commerce	161	271	17	43	123	22	344	2	23	6	1,012
Public Authority (n.e.i.) Community and Business Services	21	17	2	4	26	7	74	-	5	-	156
Amusement, Hotels, Accommodation, Cafes, etc.	21	39	2	7	22	5	70	2	1	2	171
Other and inadequately described or not stated	-	1	-	-	-	-	-	-	-	-	1
Total : Number	1,703	2,178	177	416	1,201	142	3,584	48	125	99	9,673
Per Cent	17.6	22.5	1.8	4.3	12.4	1.5	37.1	0.5	1.3	1.0	100.0

(a) Includes internal injuries (13), nerve injuries (22), miscellaneous and unspecified (64).

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY : SOUTH AUSTRALIA, 1962-63 (continued)

FEMALES

Industry	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary Production	6	11	-	2	5	2	8	-	-	1	35
Mining and Quarrying	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	70	136	1	11	23	5	89	4	4	6	349
Manufacturing includes -											
Cement, bricks, glass and stone	1	-	-	-	-	-	3	-	-	-	4
Founding, engineering, and metal working	21	55	1	1	9	1	20	2	-	2	112
Ships, vehicles, parts, and accessories	7	10	-	1	2	-	9	-	-	-	29
Food, drink, and tobacco	22	42	-	6	4	3	22	1	3	-	103
Sawmilling and wood products (excl.furniture)	2	3	-	-	2	-	6	-	-	1	14
Electricity, Gas, Water, and Sanitary Services	1	-	-	-	-	-	2	-	-	-	3
Building and Construction	1	1	-	-	-	-	3	-	-	-	5
Transport and Storage	1	-	-	-	3	-	2	-	1	-	7
Finance and Property	1	-	-	1	1	-	4	-	-	-	7
Commerce	29	47	-	5	15	2	46	1	6	2	153
Public Authority (n.e.i.), Community and Business Services	16	16	-	11	19	2	57	-	3	3	127
Amusement, Hotels, Accommodation, Cafes, etc.	23	49	-	24	10	1	29	-	2	1	139
Total : Number	148	260	1	54	76	12	240	5	16	13	825
Per Cent	17.9	31.5	0.1	6.6	9.2	1.5	29.1	0.6	1.9	1.6	100.0

(a) Includes internal injuries (3), nerve injuries (2), miscellaneous and unspecified (8).

TABLE 5 - NON-FATAL ACCIDENTS : LOCATION OF INJURY, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1962-63

Location of Injury	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling (a)		Hand Tools		Miscellaneous		Total	
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																				
Head (except eyes)	29	2.7	66	5.1	27	3.4	4	1.9	57	5.0	30	2.6	81	5.4	26	3.5	16	2.3	336	4.3
Eye	61	1.5	4	3.3	9	2.3	16	6.7	2	6.9	6	2.0	54	3.1	65	2.1	66	1.9	283	2.4
Neck and Spine	13	4.8	14	9.4	2	1.1	-	-	90	16.1	6	11.8	183	12.1	26	12.4	21	8.5	355	12.5
Trunk (excl. shoulder and spine)	74	5.0	88	4.0	8	2.7	1	1.0	476	3.2	28	2.5	1,486	3.7	161	2.8	111	3.8	2,433	3.6
Arm (incl. shoulder and wrist)	106	4.2	95	5.0	30	3.5	7	1.3	281	5.2	87	2.8	319	3.2	103	4.1	65	5.5	1,093	4.2
Hand (excl. wrist : incl. fingers)	683	3.6	133	3.7	66	2.5	4	1.6	122	3.8	151	2.9	853	2.6	458	2.8	62	2.7	2,532	3.0
Leg (incl. hip and ankle)	52	5.7	126	6.1	40	5.3	4	2.0	751	4.1	152	2.6	323	4.0	88	2.9	120	6.6	1,656	4.3
Foot (incl. toes)	57	5.3	52	6.8	53	2.8	5	4.6	116	4.8	38	2.0	560	2.9	59	2.4	10	4.2	950	3.4
Other and unspecified	-	-	3	4.8	7	3.0	10	3.3	3	3.4	-	-	3	2.6	-	-	9	2.4	35	3.1
Total	1,075	3.8	581	5.1	242	3.3	51	3.8	1,898	4.7	498	2.8	3,862	3.8	986	3.2	480	4.5	9,673	3.9
FEMALES																				
Head (except eyes)	1	7.2	1	2.6	5	1.6	-	-	16	1.7	5	1.8	4	1.6	1	1.2	1	1.6	34	1.9
Eye	-	-	1	4.0	-	-	-	-	2	1.9	-	-	2	1.2	1	1.6	-	-	6	2.0
Neck and Spine	-	-	3	65.4	-	-	-	-	11	9.5	1	1.8	10	7.7	-	-	5	20.6	30	16.1
Trunk (excl. shoulder and spine)	3	2.1	-	-	2	2.0	-	-	52	2.9	2	2.5	70	4.5	1	1.0	9	3.0	139	3.7
Arm (incl. shoulder and wrist)	8	1.8	2	7.5	18	1.4	1	1.2	56	4.9	16	2.3	20	5.5	3	1.5	5	4.4	129	3.9
Hand (excl. wrist : incl. fingers)	126	2.8	2	4.0	10	1.8	1	1.4	8	5.8	14	1.8	63	2.1	37	1.8	8	2.2	269	2.5
Leg (incl. hip and ankle)	2	3.9	1	3.6	5	2.3	-	-	101	3.7	21	3.0	8	4.0	3	1.5	6	4.2	147	3.6
Foot (incl. toes)	1	1.4	1	1.0	3	2.3	-	-	14	4.4	9	2.2	32	2.6	2	1.7	4	1.8	66	2.8
Other and unspecified	-	-	-	-	5	2.0	-	-	-	-	-	-	-	-	-	-	-	-	5	2.0
Total	141	2.8	11	20.9	48	1.7	2	1.3	260	4.0	68	2.4	209	3.6	48	1.7	38	5.4	825	3.6

(a) For content of this group see footnotes, Table 2.

TABLE 6 - NON-FATAL ACCIDENTS : NATURE OF INJURY, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1962-63

Nature of Injury	Machin- ery		Veh- icles		Electricity, Explosions, Etc.		Harmful Sub- stances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling (a)		Hand Tools		Miscell- aneous		Total	
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																				
Contusion, bruising, and superficial injury	196	2.3	144	2.5	-	-	-	-	354	2.4	160	2.2	661	2.1	144	2.0	44	2.1	1,703	2.2
Lacerations	514	3.5	91	3.5	2	2.1	-	-	140	2.8	216	2.7	719	2.6	434	2.5	62	2.8	2,178	2.9
Foreign bodies	50	1.5	2	2.7	-	-	2	1.6	-	-	-	-	22	2.0	41	2.2	60	1.9	177	1.9
Burns, and scalds	29	2.8	23	3.3	228	3.2	38	4.2	15	2.0	3	1.7	8	2.1	61	2.3	11	1.5	416	3.0
Fractures	138	8.1	124	11.6	2	3.0	-	-	324	8.6	36	3.6	477	5.1	55	5.8	45	10.0	1,201	7.2
Dislocations	6	5.7	17	6.4	-	-	-	-	41	11.4	4	5.2	53	10.7	8	21.6	13	12.0	142	10.8
Sprains, strains, and hernias	96	3.5	130	3.4	2	13.2	1	1.0	977	3.9	57	4.1	1,872	4.1	227	3.9	222	4.6	3,584	4.0
Traumatic Amputations	34	5.5	4	7.9	-	-	-	-	1	35.6	-	-	4	6.7	4	8.4	1	2.0	48	6.6
Concussion	6	3.0	36	2.7	1	4.0	-	-	25	5.6	14	2.2	30	3.5	7	3.0	6	1.6	125	3.4
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	3	6.3	-	-	-	-	5	7.1	-	-	3	3.6	-	-	2	2.8	13	5.5
Nerve Injury	1	1.0	2	1.3	-	-	-	-	6	16.6	3	3.1	4	17.2	4	17.7	2	31.2	22	14.3
Other and unspecified	5	2.8	5	8.6	7	3.0	10	3.3	10	21.9	5	3.2	9	29.2	1	2.6	12	2.9	64	10.1
Total	1,075	3.8	581	5.1	242	3.3	51	3.8	1,898	4.7	498	2.8	3,862	3.8	986	3.2	480	4.5	9,673	3.9
FEMALES																				
Contusion, bruising, and superficial injury	20	2.3	2	1.8	-	-	-	-	67	2.5	18	2.4	28	2.0	2	1.7	11	7.6	148	2.8
Lacerations	96	2.6	2	2.5	-	-	-	-	22	2.4	29	2.0	65	2.2	41	1.8	5	1.3	260	2.2
Foreign bodies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.6	-	-	1	1.6
Burns, and scalds	3	1.4	-	-	44	1.7	2	1.3	4	2.1	1	1.8	-	-	-	-	-	-	54	1.7
Fractures	6	5.0	4	52.9	-	-	-	-	46	8.1	3	2.6	14	3.7	-	-	3	4.1	76	9.0
Dislocations	-	-	1	4.0	-	-	-	-	5	14.1	-	-	2	5.6	-	-	4	11.3	12	11.9
Sprains, strains, and hernias	11	1.7	1	3.6	-	-	-	-	100	3.4	13	3.0	97	5.1	4	1.1	14	3.1	240	3.9
Traumatic Amputations	5	8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	8.8
Concussion	-	-	1	2.6	-	-	-	-	9	1.6	3	2.4	2	2.1	-	-	1	1.6	16	1.9
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	-	-	-	-	-	3	4.3	-	-	-	-	-	-	-	-	3	4.3
Nerve Injury	-	-	-	-	-	-	-	-	1	1.8	-	-	1	1.2	-	-	-	-	2	15.0
Other and unspecified	-	-	-	-	4	2.0	-	-	3	2.1	1	2.8	-	-	-	-	-	-	8	2.1
Total	141	2.8	11	20.9	48	1.7	2	1.3	260	4.0	68	2.4	209	3.6	48	1.7	38	5.4	825	3.6

(a) For content of this group see footnotes, Table 2.

TABLE 7 - NON-FATAL ACCIDENTS : AGE GROUP, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1962-63

MALES

Age Group (Years)	Machin- ery	Veh- icles	Electricity, Explosions, Etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, Etc.	Striking against, Stepping on, Etc.	Handling; Objects Moving or Falling (a)	Hand Tools	Miscell- aneous	Total
Under 20	164	56	35	5	120	52	272	102	60	866
20 - 24	151	68	24	4	182	48	377	144	51	1,049
25 - 29	112	59	30	7	185	39	384	113	43	972
30 - 34	125	73	25	4	195	52	477	100	50	1,101
35 - 39	115	73	28	5	248	58	490	110	55	1,182
40 - 44	100	54	27	12	205	64	444	115	47	1,068
45 - 49	85	61	17	2	219	44	381	81	54	944
50 - 54	66	31	16	6	162	45	345	68	27	766
55 - 59	52	29	12	3	124	36	221	45	26	548
60 and over	43	25	10	1	121	23	187	26	30	466
Not Stated (b)	62	52	18	2	137	37	284	82	37	711
Total	1,075	581	242	51	1,898	498	3,862	986	480	9,673

(a) For content of this group see footnote, Table 2.

(b) Age details were not available from some informants for portion of the year.

TABLE 7 - NON-FATAL ACCIDENTS : AGE GROUP, ACCIDENT FACTOR : SOUTH AUSTRALIA 1962-63 (continued)

FEMALES

Age Group (Years)	Machin- ery	Veh- icles	Electricity, Explosions, Etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, Etc.	Striking, against, Stepping on, Etc.	Handling; Objects Moving or Falling (a)	Hand Tools	Miscell- aneous	Total
Under 20	45	1	6	-	40	11	30	8	2	143
20 - 24	14	3	7	1	22	9	14	6	3	79
25 - 29	12	1	3	-	17	3	17	6	2	61
30 - 34	14	-	6	-	23	6	20	5	3	77
35 - 39	17	2	8	-	19	14	30	4	3	97
40 - 44	10	1	5	1	24	7	37	3	7	95
45 - 49	6	2	5	-	26	4	19	6	6	74
50 - 54	5	-	2	-	28	3	18	3	2	61
55 - 59	3	-	1	-	20	4	4	-	4	36
60 and over	3	-	1	-	12	3	2	-	2	23
Not Stated (b)	12	1	4	-	29	4	18	7	4	79
Total	141	11	48	2	260	68	209	48	38	825

(a) For content of this group see footnote, Table 2.

(b) Age details were not available from some informants for portion of the year.

TABLE 8 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS,

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1962-63

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
MACHINERY			
Prime movers and pumps			
Engines and prime movers	-	18	-
Pumps (including windmills)	-	6	-
Mechanical power transmission apparatus			
Ropes, belts, pulleys, chains, and sprockets	-	42	3
Shafting	-	1	-
Gears	-	-	-
Other	-	-	-
Hoisting and hauling			
Hoists, cranes, winches etc. (large fixed apparatus)	2	112	-
Other lifting appliances (small portable apparatus)	-	44	-
Lifts	-	3	-
Conveyors	-	56	5
Fixed industrial machines (while operating)			
Abrasive, polishing etc.	-	101	1
Agitators and mixers	-	36	2
Casting, forging, welding	-	34	1
Crushing, grinding, etc.	-	8	-
Drilling, boring, turning (metal working)	-	71	8
" " " (other)	-	10	2
Milling machines (metal working)	-	10	1
Planers and shapers (woodworking)	-	75	-
" " " (other)	-	1	-
Packing and wrapping	-	1	8
Opening, picking, combing, carding (textiles)	-	10	1
Presses and punches (metal working)	-	91	26
" (printing)	-	4	1
" (other)	-	22	10
Rolls (printing, metal rolling, glueing etc.)	-	15	6
Saws, circular (wood working)	-	66	-
" other (wood working)	-	41	-
" (metal working)	-	13	1
" other (stone, plastic etc. cutting)	-	12	-
Screening and separating (not cream separating)	-	3	-
Sewing and stitching	-	2	4
Shears (metal working)	-	22	3
" (paper cutting)	-	14	-
" , other (except food and sheep shears)	-	1	-
Rotary cutters (except food)	-	2	2
Cutters, food	-	13	39
Spinning, weaving, and knitting	-	5	4
Centrifuges	-	3	-
Other industrial machines (fixed)	-	50	11
Farm Equipment			
Milking and shearing machines & cream separators	-	23	-
Farm implements (not tractors)	1	28	-
Other farm equipment (fixed) (not woolpresses)	-	2	1
Other machinery	-	4	1
TOTAL, MACHINERY	3	1,075	141
VEHICLES			
Motor vehicles	8	321	8
Trams (not if stationary)	-	-	-
Railway locomotives, trucks and cars	-	12	-
Mine, quarry, and other vehicles on rails	-	13	-
Bicycles	-	15	2
Aircraft	-	-	-
Water transport	-	3	-
Animal drawn vehicles	-	1	-

TABLE 8 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1962-63 (continued)

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
VEHICLES (continued)			
Mobile machinery			
Mobile cranes & hoists	1	18	-
Forklift trucks	-	33	-
Tractors	-	58	-
Bulldozers, mech. shovels, graders, rollers etc.	-	70	-
Other mobile machinery	-	30	1
Other vehicles	-	7	-
TOTAL, VEHICLES	9	581	11
ELECTRICITY, EXPLOSIONS, FLAMES, HOT SUBSTANCES			
Electricity (contact with)			
Cables and flexibles, portable machines etc.	-	11	4
Switch and fuse gear	-	3	1
Electric supply wiring	-	10	-
Other electricity	-	2	-
Explosions			
Blasting (mines and quarries)	-	1	-
Boilers and pressure vessels	-	-	-
Gas (household and industrial)	2	2	3
Other explosions (including weapons)	-	13	1
Flames, hot substances and objects	-	200	39
TOTAL, ELECTRICITY ETC.	2	242	48
HARMFUL SUBSTANCES			
Solids (including powders)	-	6	2
Gas and aerosols	1	9	-
Liquids	-	36	-
TOTAL, HARMFUL SUBSTANCES	1	51	2
FALLING, STUMBLING, SLIPPING, ETC.			
On or from			
Ladders	-	157	11
Poles	-	2	-
Roofs	-	24	-
Scaffolding	-	66	-
Stairs or steps	-	90	45
Top or Tray of vehicles	-	113	1
From other elevation	3	179	16
Into excavations	-	57	1
Up or down (jumping or stepping)	-	169	4
On same level	1	1,041	182
TOTAL, FALLING, STUMBLING, SLIPPING, ETC.	4	1,898	260
STEPPING ON, STRIKING AGAINST FIXED OR STATIONARY OBJECTS			
Stepping on sharp objects	-	32	5
Striking against	-	466	63
TOTAL STEPPING ON, STRIKING AGAINST	-	498	68
HANDLING; OBJECTS MOVING OR FALLING			
Strain in handling	-	1,765	93
Struck by or caught between (moving or falling objects)			
Trees, limbs, logs	1	89	-
Poles (timber)	-	9	-
Other timber (e.g. sleepers etc.)	-	198	3
Drums and barrels	-	56	1
Boxes, crates, cartons	-	75	3
Bricks and tiles	-	24	-
Earth, rock, sand	2	48	-
Hand trucks, barrows etc.	-	59	3
Other objects	-	1,127	48

TABLE 8 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS,
NUMBER OF ACCIDENTS : SOUTH AUSTRALIA 1962-63 (continued)

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
HANDLING; OBJECTS MOVING OR FALLING (continued)			
Sharp objects - wounds through handling			
Metal (other than hand tool etc.)	-	157	18
Glass (handling - not knocking against)	-	48	17
Other sharp objects	-	126	17
Other accidents involving handling, or objects moving or falling	-	81	6
TOTAL, HANDLING; OBJECTS MOVING OR FALLING	3	3,862	209
HAND TOOLS			
Hand operated			
Axes, hatchets, machettes	-	58	2
Blow torches (not oxytorch)	-	-	-
Can openers	-	-	1
Cleavers, choppers	-	1	-
Chisels	-	20	-
Crowbars, pinchbars	-	73	-
Files	-	4	-
Hammers, malletts	-	146	2
Hooks	-	31	-
Knives	-	159	28
Needles	-	-	2
Pens and pencils	-	-	-
Picks, pickaxes, hoes	-	26	-
Pliers, pincers, tongs	-	5	-
Saws (including hacksaws)	-	18	-
Scissors and Shears	-	11	5
Screwdrivers	-	14	1
Shovels and spades	-	87	-
Spanners, wrenches	-	66	-
Other hand-operated hand tools	-	58	4
Power Operated - Electric, pneumatic, hydraulic			
Abrasive, sanding, polishing etc.	-	15	1
Chisels	-	3	-
Drills, jack-hammers etc.	-	74	1
Knives	-	-	-
Riveters	-	2	-
Saws	-	27	-
Screwdrivers	-	-	-
Soldering irons	-	-	-
Explosive power fasteners (Ramset guns etc.)	-	7	-
Other (inc. oxytorches, sprayers, portable welding plant)	1	81	1
TOTAL, HAND TOOLS	1	986	48
MISCELLANEOUS			
Animals & insects	2	147	3
Physical causes			
Cold (freezing chambers, weather etc.)	-	-	-
Compressed air	-	-	-
Exposure to rain, wind, etc. (not heat or cold)	-	1	-
Heat (furnaces, weather etc. - not contact with hot objects)	-	1	-
Immersion	-	-	-
Radiation (not burns from)	-	-	-
Vibration (e.g. from Pneumatic drill)	-	2	-
Other physical	-	2	-
Pressure vessels, pipes etc. bursting	-	7	-
Other			
Doors & windows	-	39	16
Flying particles (windborne-not from machines etc.)	-	65	-
Other	-	216	19
TOTAL, MISCELLANEOUS	2	480	38
TOTAL - ALL FACTORS	25	9,673	825

TABLE 9 - NON-FATAL ACCIDENTS : NUMBER, TIME LOST : SOUTH AUSTRALIA, 1962-63

TIME LOST	MALES		FEMALES		PERSONS	
	NO.	TIME LOST Weeks	NO.	TIME LOST Weeks	NO.	TIME LOST Weeks
1 week, but less than 2 weeks	4,652	6,022	404	514	5,056	6,536
2 weeks, but less than 4 weeks	2,758	7,167	233	599	2,991	7,766
4 weeks, but less than 6 weeks	874	4,128	77	356	951	4,484
6 weeks, but less than 8 weeks	485	3,248	36	243	521	3,491
8 weeks, but less than 13 weeks	465	4,459	46	446	511	4,905
13 weeks, but less than 26 weeks	282	4,979	20	360	302	5,339
26 weeks, but less than 52 weeks	105	3,694	8	290	113	3,984
52 weeks, but less than 104 weeks	42	2,913	-	-	42	2,913
104 weeks, but less than 156 weeks	7	873	1	148	8	1,021
156 weeks and more	3	520	-	-	3	520
TOTAL	9,673	38,003	825	2,956	10,498	40,959

D.L.J. AITCHISON
DEPUTY COMMONWEALTH STATISTICIAN

